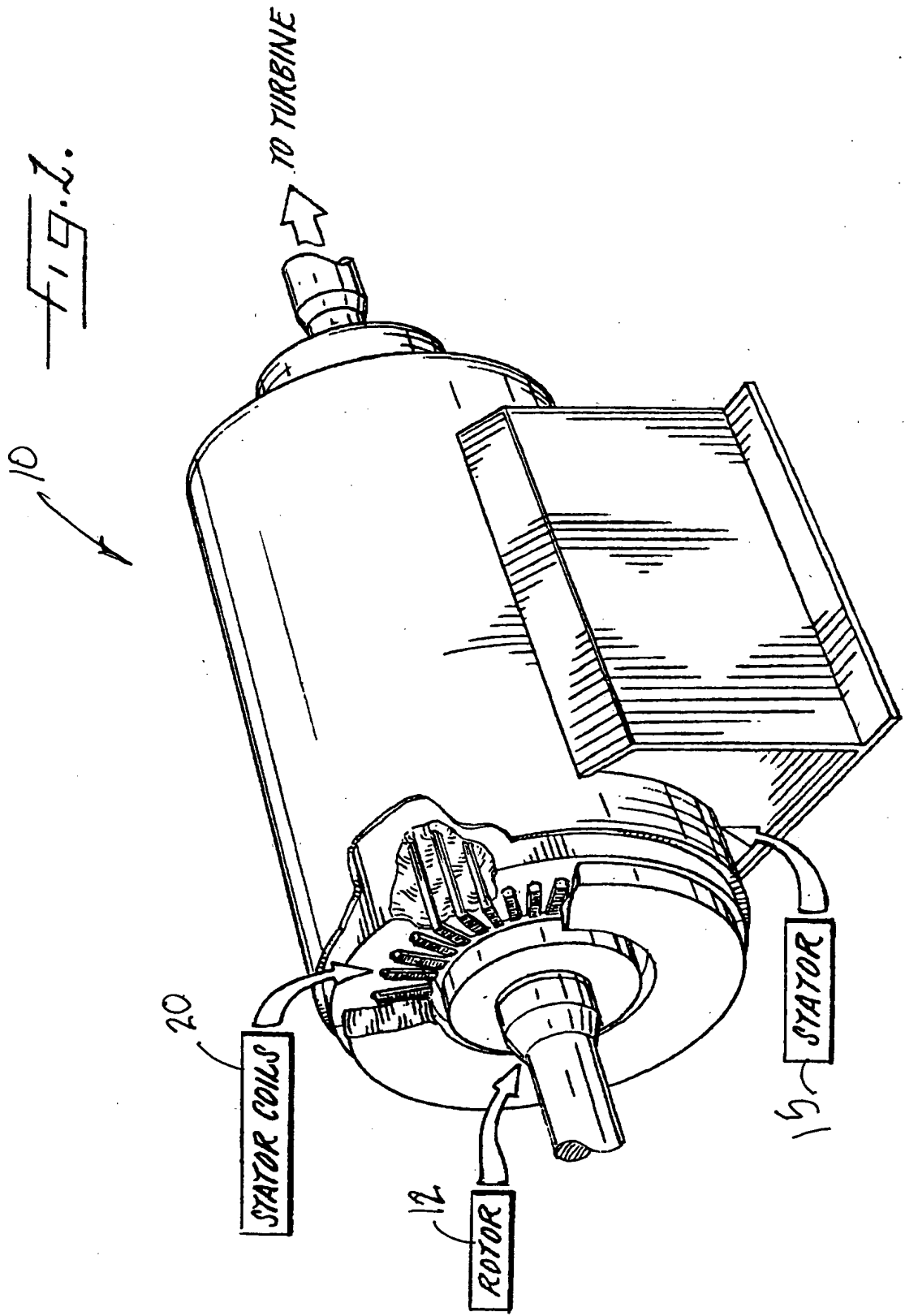
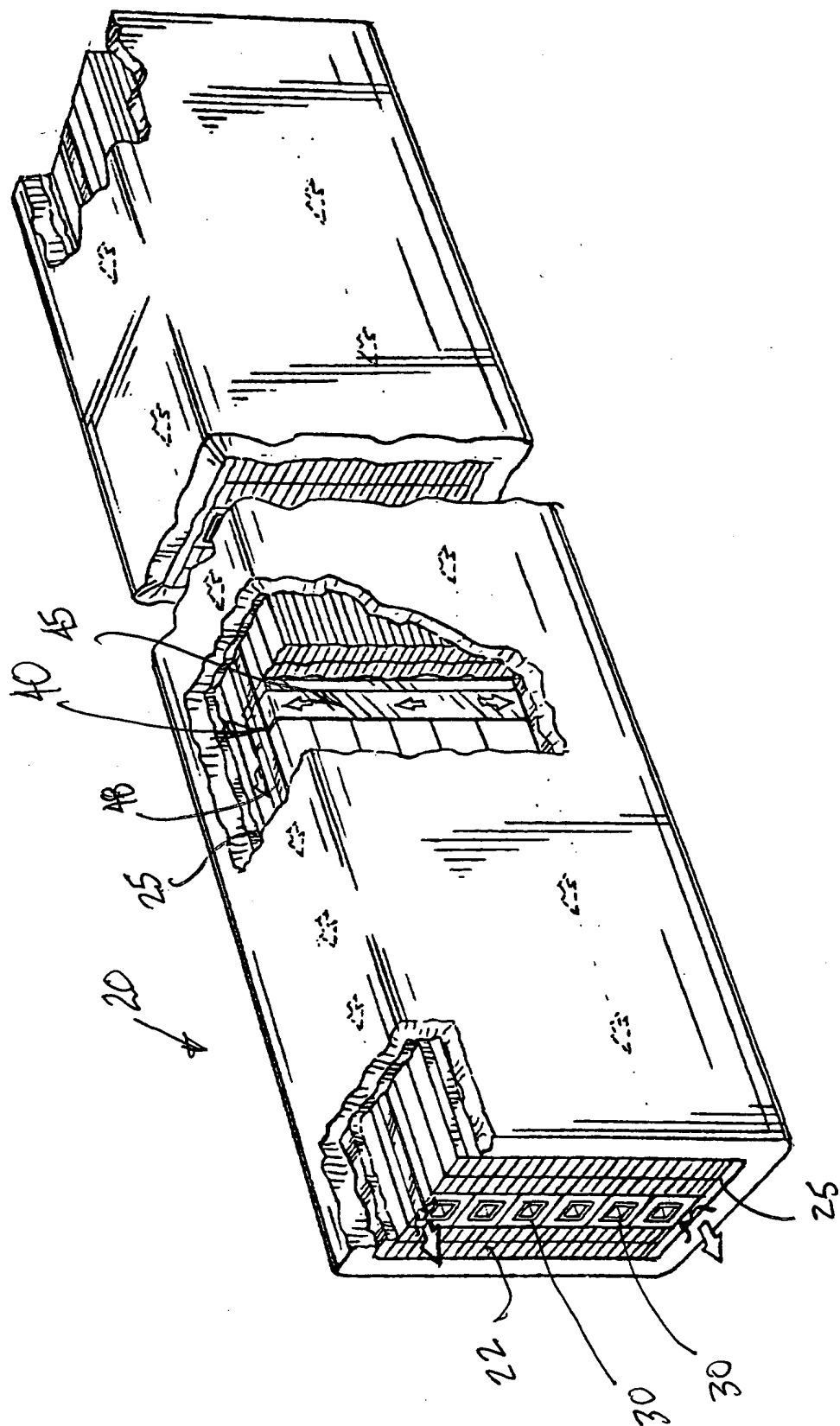


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A blank coordinate plane with a horizontal x-axis and a vertical y-axis intersecting at the origin. The axes are represented by solid black lines.



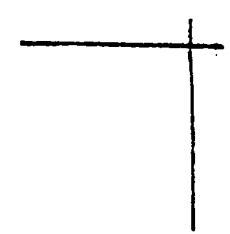
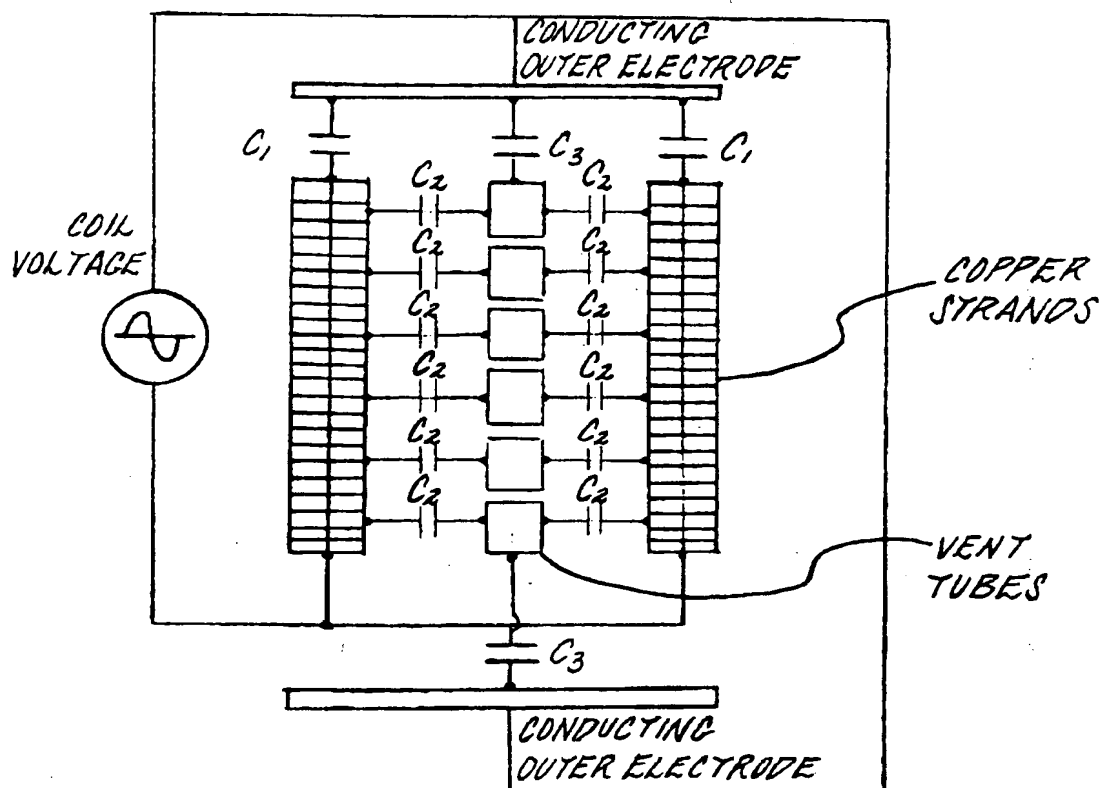


Fig. 4.



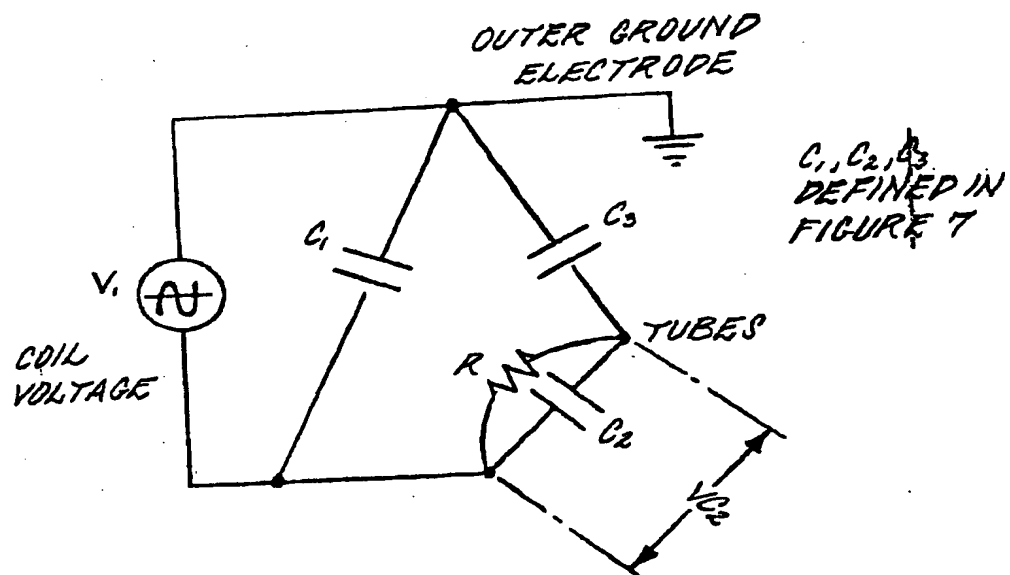


$C_1$  - CAPACITIVE COUPLING BETWEEN OUTER ELECTRODE TO COPPER STRANDS

$C_2$  - CAPACITIVE COUPLING BETWEEN COPPER STRANDS AND ALL COOLING TUBES

$C_3$  - CAPACITIVE COUPLING BETWEEN OUTER ELECTRODE AND TOP AND BOTTOM TUBES (TOP SURFACE OF TUBES ONLY)

— FIG. 7.



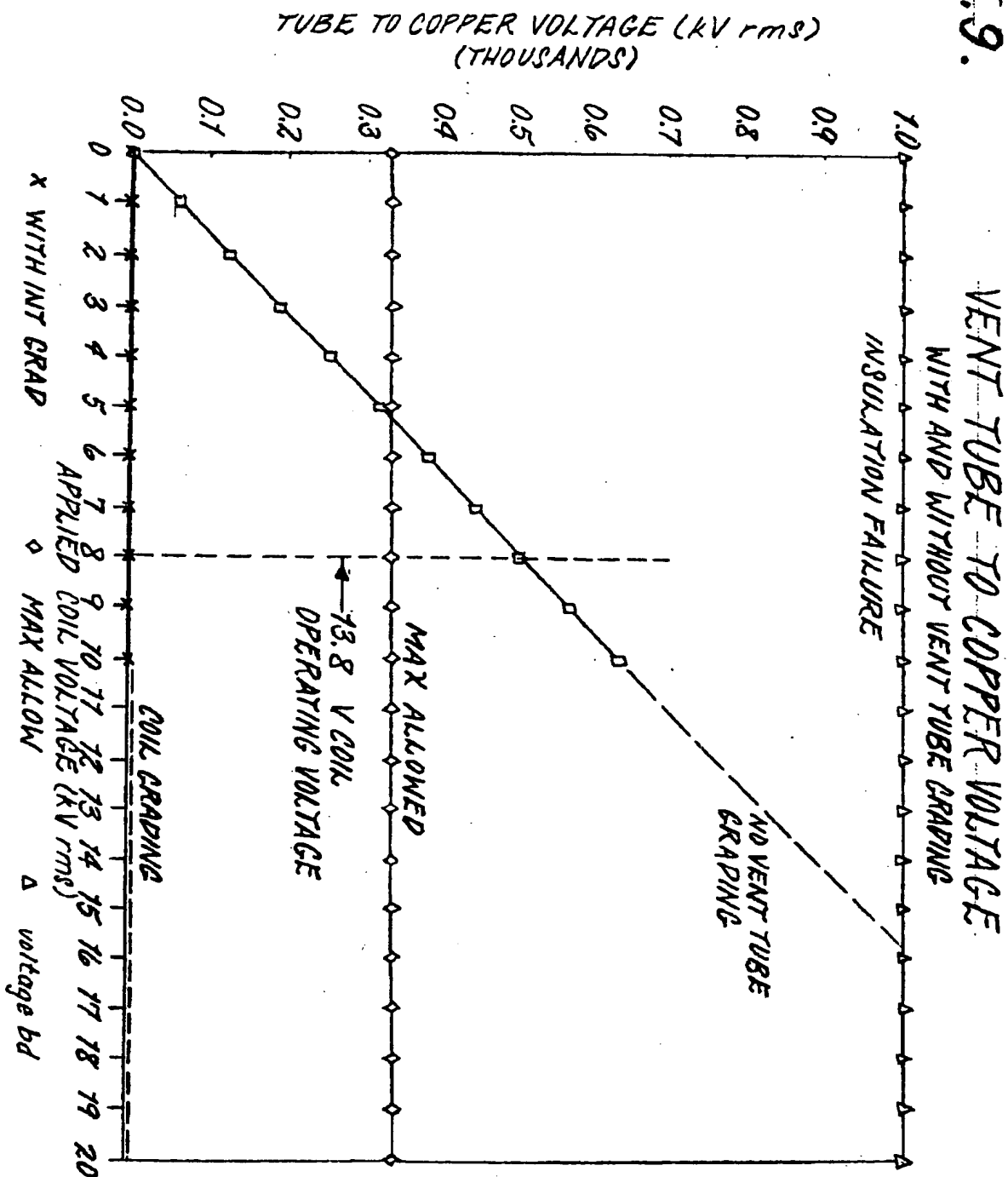
VOLTAGE BETWEEN TUBES AND COPPER =  $V_{C2}$

$$V_{C2} = \frac{XC_2}{XC_3 + XC_2} \cdot V_1 \quad X = \text{CAPACITOR REACTANCE}$$

$R \equiv$  VOLTAGE GRADING RESISTOR

FIG. 8.

Fig. 9.



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